



2011 "VOLUNTEERS WORKING WITH INVASIVES" GRANTS REPORT FORM

Display Report

PROJECT BACKGROUND INFORMATION

Project Title:	Early Detection Rapid Response Team	
Region: Use region number ONLY	1	
Station:	Turnbull NWR	
Contact Person: Name and Phone Number	mike_rule@fws.gov	
Project Description: (Up to 250 words)	The AmeriCorps member, Refuge Wildlife Biologist, Volunteer Coordinator and Friends of Turnbull NWR will recruit and train volunteers in the use of GPS equipment, survey software and EDRRP protocols. In addition to the refuge work, a new Cooperative Weed Management Area has been organized for the region surrounding the refuge, some of the AmeriCorps member's time and other volunteers may assist with survey and control efforts adjacent to the refuge on private lands to support this cooperative venture.	
List of Invasives Species Targeted:	Common Name	Scientific Name
	Yellow Starthistle	<i>Centaurea solstitialis</i>
	Leafy Spurge	<i>Euphorbia esula</i>
	Spotted Knapweed	<i>Centaurea biebersteinii</i>
	Diffuse Knapweed	<i>Centaurea diffusa</i>
	Rush Skeletonweed	<i>Chondrilla juncea</i>
	Dalmatian toadflax	<i>Linaria dalmatica</i>
	Cheat grass	<i>Bromus tectorum</i>
	Ventanata	<i>Ventanata dubius</i>
	Common bugloss	<i>Anchusa officinalis</i>
Project Status:	InProgress	
Project Completion Date or Estimated Completion Date: (mm/dd/yyyy)	09/30/2012	

VOLUNTEER INFORMATION

Volunteer Affiliation: (Check all that apply)	VA_FriendsGrp VA_AmeriCorps VA_StudentConsAssoc
Volunteer Involvement: Describe the type of work the volunteers performed. (Up to 150 words)	AmeriCorps, an SCA intern and 2 college interns were trained on the use of the Refuge GPS weed mapping system. 500 acres were systemtically surveyed and mapped. An additional 500 acres will be surveyed in summer of 2012. All locatons of CLass B designates speceis previously mapped will be rechecked by volunteers.
Total Number of Volunteers:	4
Total Number of Volunteer Hours:	600
Partnerships: List both new and existing partnerships utilized in this project. (Up to 150 words).	The Friends of Turnbull NWR will provide the AmeriCorps member and assist with outreach and volunteer recruitment through their newsletter and membership. Eastern Washington University Biology Department, Spokane Community College Environmental Sciences Program, Upper Columbia Academy, and other community groups and individuals that currently assist the refuge will be the source of volunteers for the EDRRP teams. Washington Service Corps is our partner for the AmeriCorps program. Technical assistance will be provided by the partners in the Cooperative Weed Management Area (Upper Columbia Resource Conservation and Development Council, Spokane County Extension, Spokane County Weed Board, and Washington State University Extension)

PROJECT RESULTS

Project Results: Give an overview of the results of the project. Include quantifiable measure of success, such as maps produced, efficacy of control measures, number of sites where invasions were detected early and responded to, number of community contacts, etc. (Up to 250 words).	500 acres of the refuge were systematically surveyed and mapped. Maps were provided to refuge pesticide applicators and 163 acres were treated resulting in control of invasives on 15 acres. Chemicals for control weerre purchased under this grant. Volunteers released 300 bio control agents on spotted knapweed sites bot on refuge and adjacent provate land.
Number of Acres Treated:	163
Number of Acres Inventoried and/or Mapped:	500
Number of Acres Restored:	15

BUDGET INFORMATION

Budget: Account for funds in broad categories such as equipment, volunteer stipends, travel, coordinator salary/contract, etc.

Total Grant Amount:	\$ \$12,000.00
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Breakdown of Expenditures:

Category	Total \$ Spent	% of Total Grant
Equipment / Supplies		
Chemical	6,000.00	50%
Biocontrol Agents		
Travel		
Volunteer Stipends	\$6,000.00	50%
Volunteer Coordinator Salary/Contract		
Restoration Materials		
Other		
TOTAL	\$12,000.00	100%

Recommendations: (OPTIONAL)

How useful was this program for meeting refuge
invasive species objectives and how can it be improved?

This program has been incredibly useful in identify problem areas
to target IPM actions. As a result several new weed popualtions
were identified and controlled.

- [Return to Main Menu](#) -